Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 16 May 2023 until 23:59 on Wednesday 17 May 2023

Forecast Issued on Tuesday 16 May 2023 at 04:59

Confidence: High confidence for generally fine, dry and settled conditions this week, with some chilly nights. Lower confidence in regards to precipitation details and extent of any early low cloud.

Headline for Tuesday 16 May 2023: Bright morning with sunny spells. Chance of some well-scattered showers this afternoon. Breezy and feeling chilly on the summits.

Mountain weather hazards on Tuesday 16 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	<05%	20%	30%	20%	<05%

Forecast for Tuesday 16 May 2023

Weather: Clear spells through the early hours with any mist or shallow fog patches in the valleys short-lived. Cloud will bubble up during the morning to give an afternoon with variable cloud amounts and bright or sunny spells. Dry for most, although well-scattered showers are expected to develop in the afternoon or push eastward across the northern Peaks. Breezy across the summits with a marked wind chill. Cloud may build across western slopes overnight.

Chance of cloud-free hill tops above 600m: Above 80% throughout.

Low cloud and visibility: There is a chance that as cloud develops, summits may be briefly obscured. Bases are expected to lift well clear of summits by mid-morning, although deterioration is possible in the vicinity of showers. Any isolated mist and fog patches resulting in pockets of poor to very poor visibility in the early hours. Visibility generally very good or excellent, with clear views of distant hills. Brief periods of moderate visibility possible around any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 16 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 W	17/22 NW	18/24 NW	16/22 NW	17/23 NW	13/18 W	8/11 W
300	8/11 W	14/19 NW	16/23 NW	14/22 NW	14/22 NW	10/16 NW	6/10 W
Valley	5/12 W	11/19 NW	13/23 NW	12/23 NW	11/22 NW	6/14 NW	4/9 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	6/2	8/4	9/5	8/4	6/3	6/3
300	6/4	9/6	11/8	11/8	11/8	9/7	8/6
Valley	7/5	11/8	13/10	12/10	12/10	10/8	8/8
Freezing Level*	1100m	1300m	1500m	1600m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Spells of strong sunshine with High UV levels today; sun protection is advised. There will be an added wind chill across higher routes this morning, therefore extra layers are recommended if spending time on summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 16 May 2023	0mm	0.2mm	0.2mm

Forecast for Wednesday 17 May 2023

Weather: Variable amounts of cloud overnight, perhaps cloudier across northern Peaks. Any early mist or fog patches in the valleys will soon clear. Fair-weather cloud will build to give an increasingly cloudy morning, although still seeing plenty of bright or sunny spells through the afternoon and evening. Slight chance of the odd light afternoon shower developing well inland towards Bakewell. Winds lighter than Tuesday. Cold overnight, feeling rather warm by afternoon.

Maximum wind: Predominantly west or northwest 10-15mph.

Chance of cloud-free hill tops above 600m: 70% until mid-morning mainly in the north, otherwise above 90%.

Low cloud and visibility: Patches of scattered to broken cloud may form overnight across northern and northwestern hills, with cloud bases of around 600m. A wider, transient, risk of summits being obscured as cloud bubbles up. Bases clearing summits mid-morning. Poor or very poor visibility in early mist or fog. Generally very good visibility, moderate in any showers that develop.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 16 Celsius in the afternoon.
At 600m: Plus 5 Celsius, rising to Plus 12 Celsius in afternoon.
Freezing level: Well above the summits.

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